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WM. E. STOCKETT & CO.,
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413-415 9th St., N. W.,
Washington, D. C.

Eur route to Musico. Dre. 13-10,

Die,13.1902,

Seft Warhington, D. 6. of 11:15 a.M. By the B. V.O. R.R. For Mexico, all day a driggling rain fell and it was so cold that the water froze, forming a coating of ice on the branches of true, finess of all upposed surfaces. The train was delayed and missed a connection at leineinvote, so that much of the might was spent there waiting for enorther train.

Dre. 14 en route.

When I got up I found we were still at leineinnate. We finally got away bout 9:15.

1 M. and reached St. Foris at 6:25-P.M. The cold, driggling rain continued to fall all lay.

Die. 15 in route,

The train was delayed about three hours last night by washouts. This morning when I got up we were nearing Russell, arkansas. They heavy rains occurred last night and! This morning all the sheams are out this morning all the sheams are out the tops of fine posts profeed about the water, It is much warrun today and if you of the true still retain gleen leaves. The country is low, fairly level,

and in most places fourters, In the clearings crops of com and cotton are raised, The people are wednesty poor, The houses are small, primitive looking affairs, usually of rough boards but occasionally of cors, Most of them have old- fashioned finiplaces with by Chimney built outside at the ends, the cotton flouts are small and shunted, The most abundant fourt his mear Russill is an rok with large, lobed reaves, the hour still adhere to the branches giving a redderd brown cotor to the fourt.

Platamos, Lycamores are commen among the oaks discribed above,

timodendron: teafless tres that I look to be Tulip breis were common over large areas east of Futh Rock, arkansas.

Most of the Junes were worm fuces made of heavy split rails.

Junes. As we neared Fite Rock, a pine with short leaves and small comes appeared suddenly and was abundant over certain wreas but hed not appear to occur at all over other areas, apparently of the same character. Cassed Tinte Rock about noon a field along the R.R., about 30 miles west

of Luile Rock. Juns. Pins breame more abundant along the R.R. about 30 miles west of Frile Rock and in many places are the principal forest bre, Kear arkadelphia, Fardon and other places along the road considerable sumber is sawed from the pines, Valus. as we neared Tryarkana, the country, which is still forested, occame more swampy and small palins appeared, on some places the palms were very abundant. Dec. 16, en route, San antonis, Tup. Vig. This morning when I got up we were passing listing, lex, and I saw some of

the familiar Miggintes and large, flat-leaved puntia and there were many Two lakes covered with I pament Moss, like many small tusky-topped cedars or Jumpers. Hurnella, Iwal large looke flores of

50-75 Juds were ken flying, near dustin. I reached Dem Intonio about 1/a.M. and vas obliged to spirit a night there, Dec. 17 in route,

Left Dem antonio for Eagle Pars and Muheo at 8:00 a.m. Veg. Between Dan Antonio and Eagle Pass, Meggintes, large spentia and Masea Januarana mere abundant.

Ceatharista strata. Saw a flock of about 100 working on and flying about the careaus of a cour lying mean the R.R. a short distance month of spot-ford. Try,

Sporford, Apparenty not so abundant as 6. atrata
The "administrador of the advava" at levidad
Porficio Diaz, passed all my Goggage without ofbeging me to open any, and the train started
on south into Muxico at 40.M.

Dec. 18. in route, zacaticas. Zacaticas.

When I got up this morning, the train was about so miles from Arreon where we soon arrivel for treappast.

Heart Préardias, Barren rugged hills rive 1000 It, or more, a short distance away, voit on être east and on the west.

Fales sparverius, Iweral were sem flying, slong the R.R. today,

It Jimiles. Barring, rugged hills rise 1000-1500 ft, about affinile away on the east vide and about two miles away on the west side. In the soltone land along the river, crops of corn and colton are raised.

Veg. The vegelation effected to be about the

nout of Trismills, where the country becomes more grassy and at least some of the species appear to und. Perhaps this point may be near the extreme upper limit of the Fower Jonaron zone, Most of the species vary in size and abundance on definite areas.

yueea, a rather short- seaved species was come mon mearly all along the way today. Hear Gutierreg they were carger and more abundant than elsewhere, forgueera, Common at least as far as Junules,

Ceovillea musicava, Common Jum Porrem to a point a short dislance north of Fremillo where it appeared to und entirily, agave "lechugilla" Hear Jumileo this, and

a much larger again are abundant, Most of them were sun a thort distance wouth of the town.

Spuntia, I large, Frood, Flot-leaved opinions vas common nearly all the way and hid not work intirily along with leavelles musicans, a short distance north of Trixmillo, Zae, Hearn Futures the Spuntia's were much larger and more abundant than absenders.

The train reached Zacaticas about 7 P.M. and I found quarters at the Hotel Zacaticans," The weather

Carherpos mycams, Irvual wire seen and is much warmer here than I repected to gird it and there has bun some ram. I root occurs recognizely at heard on walls in the middle of the city, Layouns saya, Kaiter commen anong the night. Thy object in slopping at Zacaleens was to searty vigilation on the barren hells, at least sieure lopodypes of sigmodon fulviventir. Dre. 19. Remain at Jacolicas. a half dozen were sem today tearpodacus m. frontalis, teommon among Sigmodon Julvivinter, My object in slopping here was to seeme lopolypes of this spicers, The collector the trus in parks in the cely, of the type reported that the opicies is abundant Dalpinelis obsolitus, Diveral wire kein in the darrin parlines surrounding the city. mong the rocks on the barren hells wear Today was spent in searching for signs on the the city. Harporhyuchus curvirostris, hus were sun Darrin stopes of the wills in the vicinity of the skulking about among some large punhas on city, but nothing very promising was found. Traps were set during the afternoon in the best looking a barrin helsede. Farmis, Que was seen setting on a lelegraph were and another was perched on the lop Homes, Only one more of importance is dung of a thorny bush on a barren bullrude. worked near hime and the lown is very dull. truphopiga vilmesta, 1000 pairs were almost all of the mines have been abandoned, sem among the caetus and thorny Justies The majority of the people seen in the shield belong to the lower class and look very raggest on a hellride. tales & faverus, ene was seen flying and dorty and thoroughly writered, along a steep slope in the hells, tepus yack), I specimen which had deen Sprotyte C, nypogara, ene our off down that man tealer was Dought in the market a farrin what appeared Mis morning, to be its durrout, It flow from a hole which Scardafella men. Any run in the parles entired the ground on a steep bulloude, I have and yards in the middle of the cely. vas bud exerciment teallined about man Shocalus macrourus, doundant in flocks the cultance, among the rouxes in the city.

Aggella. Three or four were very logether more the cactures on a farrin hellside. Sacharis, teommon along the bottoms of nearly all the arroyos. Fithe Rubben Shruf" From spanishy and to small erze on the Farren helbs, vegelation. Even the thorny should are browsed "Magung de Pulspue" Today near the edge of town I came across a piece of livel ground, covered with again leaves which bad bun brunned along the edges to get rud) the point and the thoms, They were Apread out in doubte over-rapping rows with the hollow sides up and the points turned loward each other, In open space was left between the thouble rows to serve as a part this & The hollows were filled with water which is allowed to sland overnight rand on frosty mornings were is gathered. Most of this ice is used for making heladas" or erule ice-cream which is vold by puddling it about the city. 6512. This is by then the most common whomb on the obrile tulls ourrounding the cety and is probably a characteristic oppur Tomoran agave (6514 From spanishy on the web.

Zaealieas. Die 20-22.

Dec. 20, Runainelet Zacations. Tealamospya melanocory, Sweral flocks conlanning at least 150 birds each, were seen among the shoring vegetation on Farren, rocky hellsides, Dre. 21 Rumament Zacations, leorous simuatus, I single and was sein That defore smoot, flying over a high wel. Orpelo dussees, woo were seen early this morning among some thick cactures near tho edge of lown, Abeleodytes, Ievual were seen among the Chuntas and itrong bushes along an arroys, south of the city. Die. 22 Runamed at Zacaticas.

Sigmodon Julviventer. I have rearched pritty thoroughly for several miles out in every direction from the cety and have Juiled to June any signs of this mouse and have Jailed to catch any in numerous hapes set during three nights in the most promising looking places. So have decided to lieure this evening for Scotlane.

Ramfall, The rainful hue is very light, Most of it comes during the months of June, July and august but showers may occasionally come later. The winder months are enterely by. Thomomys, Signs were seen in a nice.

not far from the R.R. station, Kuthrodontomp. Ino specimins were caught among the searty growth of weeds and Cirompens (Learned) abandant and well distributed on the rocky slopes near the Peromyseus (wh. Jt.). Found ractur spanisly among the weeds and Backaris bushes along arroyos among the rocky hells man the cety. Dipodomys Raiter common on a high misa about a mile from the R.R. station and at about the same altitude. Usually they make from one to three holes which enter the ground under the shitter and usually at the vaxes of thick bunches of laize abunta's, Runways sometimes connect holes live or three feet apart out none were found leaking away from the shelter of the Acoloma teommen along slove walls and other sheller, to she't mists were run. Karter dem runways were seen where the animaly are in the habit of passing through lines thorning regulation. to hold water light out overnight to freige, belong to one of the species used for making pulgue.

leottan, Jalises. Dec. 23.

They are broad and rather short. I was told they were are brought from La Blanea, a swall lown to the eastward about 16 leagues. according to my informant none grow here. The species found here is latter and has more slevden leaves. The leaves used for frieging water are about three feet long and about 10 inches wide.

Zacalicas has an actitude of about 8000 ft. The city is surrounded by Farrie, rocky hills, some of which rise at least 500 feet higher. The hills are entirely devoid of his, and whenhas are few in rumber. During the winder verson, sharp frosts occur.

Die, 23, Acottan, Jahres.

when I got on the train last we came on atreas I found Mr. Nelson and we came on together to Ceotlan, arriving at 9:50 a.M. We found quarters at the Take View House, a hotel of which Mr. Winfield Scott is the proprietor. Mr. Scott has travelled over much of Mexico and has taken a great many fine shotographs of the richard, natural scenny and orter interesting things, and made it pleasant for no at deortan.

Scortan is situated two and one half miles from Take tenapala, in a rich corn, wheat Farly and tobuces

Viz. Today there appeared to be a dreided change in the vegetation Then we began to descend the slope between the Priedads and Jurecuaro, at about 16 so meters altitude, in the plain mar the Pridad Megquites and seasies appeared to be the principal trees, when we began exercises the * ope, I've thouse, when we began exercises the * ope, I've thouse a principal descending the * ope, I've thouse a principal of the principal of th

This afternoon a trip was worde across and down along the farther side of the Sula river, a branch of the Santiago - the two sheams mile a short distance below the low. The rivers are only a triple below the level of the Broad plain and are bordered man here, along both sides by marshy tracts in which many aquatic bush find obetter.

Water Hyacintte, This plant is said to have

been unknown here until about three years ago when a few were placed in a small dranch of the fautages river. How the plant grows with exercise abundance and chopes the vantages at Ocottan so much that navigation is interpred with and the river has be periodically cleaned. The plants are spreading tapisly and will probably som be growing

shores of Lake Chapola.

Pyrocephalus r. mexicamo, Very abundant along the Banks of the rivers here. Howally sum sitting on the My quites, Huisachis and orther brues along the Banks, but they about also on any available puch, I when a line on any available puch, along the river,

Erotophaga sulcirostris, Tworal parties of 5-10 Firsts in the marshes along the Sula river.

An invitation was received quotisting afternoon to go on a hunting truty today and thus on Take Chapola for guese, ducks and others water fowl. The himilation come from Mr. Rence who is in charge of the Dwight furness ranch mean here and Jacing on the lake, a carriage come about 9h M. this morning to take us to the ranch, from which the start was to be made, It got sight about noon in a large sailing canoe would write your for freight. The party consisted of Mr. Melson, Mr. Ruce and wife, another man and myself, besides sownal bootions, Our offetice point was the

vicinity of the mouth of the river ferma where it inters the lake. The lake is silled up here and a sort of point of marshy land ethals for out from the Mhain shore, on either side of the river, Marshes of grass, tutes and flags are abundant. The wind not being favorable we made slow progress but about shouse were mar the mouth of the river, and the first ducks were sighted. Mr. Ruce and I went after them in a small cause and what four one spriftail and three spoonbills. Fate in the evening, we anchored a quarter of a mide or more from land in order to avoid the mosquitos.

Most of the day was spent in the neighborhood of the mouth of the Germa boines and man the little village of Fa Palma on the south shore of the lake. We had fairly good duck shooting, considering our rather unwildy cance and the stoise our cance men make in John as shout, a number of species of ducks and other birds were noted. Farge mixed flooks of ducks were seen among the lutis and floops, Housely before we were within gunshot the birds took alarme and flux to some other fact of the lake,

There is so much room they do little circling and it is seldom that shots can be secured at birds passing over.

Chalacracorax Hear Ta Palwa a nestro piace now found, where perhaps 2000 birds were gathered, some of which were, actualty brushy, The nexts were selualed among the branches of a thrut or twall The which called imagginte 65/5/his plant grows abundantly over shallow areas along the lake shore. Elswally it grows 6-12 feet in length with open lop, affording practically no shade. Many of them contained three or four nists placed 2-5 fect above the surface of the water, Many of the nexts contained eggo, When we approached to use our cameras tho Duds were all firehed close together on the bushes out before we could get any very satisfactory pretures they look aloren and marly all flow off. Histo were 12-15 mehrs

Late in the evening we started for Cootlan But the wind stopped blowing and we were, becalined until late in the night, The wind which come up toward morning was not very Javorable but we made fairly good progress toward decetar,

Dec 26, Acottan.

Cearly this morning we arehored about six miles from leather and mearly in front of a small ranch called Las Portugas. as our boat had no keet it was impossible to work against the wind so we took a small cance and reached the Lurius ranch about noon, Late in the afternoon Mr. Misson and I returned to leathour,

Die, 27 Remaindat deollan, Entire day was spent in okniming and preparing specimens shot Die, 24-26, Die, 28-31, Remaind of Cleotlan,

The four days were sput collectivity in the vicinity & levilou,

dark brownish with 20 small regularly & poech, transverse blue & pots; gular pouch, dirty flood color;
boxe of mandibles surrounding gape, dirty yellowish,
finely & pecked with dirty whitish; Fiel, Flackish
horn color along top of inpper mandible, & hading
lownward into bluish horn color on lower
part of upper mandible and all of lower, becoming
balest on under side of lower mandible. Sides of
lower mandible transversely marked with
streegelar spots of whitish horn color.
Elanis. Jaid to ocean on plains near

acottan. Jan, 1, 1903, Fas Torlogas, Jahres, He. Helson went to Fundalajara whis moning to buy pack and riding saddles and other outsix for our trip through Mexoacans and Furrero, He expects to be gone three days, I went with the pholographer, Mr. Evenfield Scotts & a small place he owns on the lake those about six miles from Ceotlan, to remain for three days collecting. The live place is a point formed by a sort of delta, where a deep arrays or dox canon greaks down through the slup stuffs fordering the north shore of the lake. The chuate is much milder, no frosts occur in the unmediate vicinity of the lake and crops of sugarcave, Valavas, com, Jeans are raised, The sogareane and Davavas require wrightion and the water is raised from the lake by norias: The hills fordering the lake at this four rise abrupity and have eleffs and rocky ledges along their fronts, Surcalus maeroumo, leakled urraca"

Ty people et leoitan.

Thursella Several were heard singing

from marshy land along the Jula river

rarly in the morning, when on the way

Ty course to Mr. wealth place.

The run which inters Loke Chapola is called the Terma and the stream Howing out the kes France de santiago. lessotherns who were is common among the tall grass and aquatic regulation way the Aula and Jambago news at ceolian, they oping almost all the wie out &) right enong the grass but on hearing one approach they often top up who views and howing satisfied their curiosety Justily disoppear again. Eleasionally they were heard singing a levely little song. Bolannes while hinters in the tack grass in a march along the Jula river, a bittern ouddenly flew up writing 10 fut of me, It arose with a Treat glapping of wings and so suddenly as to startle me, georgiana migle specimen ohot in the long grass along the Jula river was the only me seen. It was perched on a grass steen about three feet from the ground. probrehia luco phrys. I swife and was along the roadside near the onide reland The Jula sur at acottan yesterday, fanthocepholus yunthocepholux, a stock y cour To burds was sun na marshy track slong the the de saulings near where it leaves the whe.

egelans å fur or e sem along ho Handogo nour. Focal name gordello Treus, a species with whitish dark and broadly spreading take is common along the lake thore, This hie affects to always grow, up slow the face of a cliff or large lower side of the rock, learthquake, bout three years ago me I the lowers of the Church at Ceollan was den rebuilt now. Jan. 2 - 3. Rememed at Fas I telugas Pochote" Tela collon hues are common along. he shifts frem the cake at tas vorlugas, and in the worth slopes of most of the hills rear deorlan, They your 20-25 feet in hugher and have the usual lapuring speny brunkes. elihough lengt uns at this season, many of him have & four fronts almost ready to uscharge their contents, In a few cases tres vere sem outh i from leaves but no fruits. Theolobium dules, common in the valley et seallan and on some of the slopes of. the surrounding wells. The Fark is said to

de used for lanning purposes at Scotlan,

Vin- De. This is a small tree found

rather spangly man Fas vorlugas wel essewhere along the take shore, The back is used for tanning reacher after Ding grown very fine, Jan. H. Icoelan. I relumed from For Integas to Ecoclar and Mr. Melsen returned there from Fundalajara, Jan 5-6 Kiwamed at Ilcorlan, Jalues On the 5th we hard Mr. R. R. F. Gromplon and his gasoline kannet to take us to the moting place of the cormorante near ta Valua, in roget was to secure a good set & pretures of the sinds and nists, Mr. Winfield rest accompanied us and we all cook i minter / pretures, valeng at Ococtan. Tipus jack rabbits occur in Jun gravey parts of the valley but are not so very common. According to the natures they are often seen in tipus a four cottonlails are found about fulls. Delephis (15730) A munder of hacks were ten along the vala run and one & promuen was kakin, Tromps (15721) abundant and well his tribuled except on the marshy land along the ruces, they were nost abundant, along burk

mees and among the weeds along the Forders of fields. evarse grass along the edges of the marshy hacks along the Sula river. Degmodon (15717) excessively abundant and well distributed everywhere, they were found dock ne try and on marshy pound, but were list common arong the clists was the tops of the hells dordering the cake, crompsens (h. H.) (15710) Teommen everywhere around fulls and along the marshy tordies of he dula rever, tyng ward i been when & parryly mong the hells tording take chapala, and was seen along the shore and shot from an cance and the skull presented to as, scarina (5708) Three spiciones were laken mong the coarse pass vong the edges of the marshy hacks along the wir. eaught in one of the runways made slove the edge of a marshy track, Fording the Sula run. Mybitis (15731) Rom the case of the Spilogale, a single specimen was caught in a book inway,

Jassansen (15734) Ino were caught in haps

set along the cliffs along the sluffs facing wase Tehapala Stear Ceollan, Vironizeus (15733) I swyle spiernen was caught along a cliff several hundred fut above the rake. (rocyon. I umber of hacks were seen. Julia Ellers ne leveribed by the prople and are said to be not uncommon, while I was stopping at the little ranch called Fas Vorlugas on The lake there about my miles from loodan, others came in the night and look six large cat fish from a fish pen in the edge of the lake in front of the house, The heads were lift meatin and were scattered about along the beach near the pen, I'wo fish were left unharmed in the few, Traps were och but on the following might the others did not return, they are doed to live in large holes below the water-line we a rocky bluff near the ranch. The water at that four is dup, they are soul to be roller common in the Jula run above develour, here they twe in hotes which whit the banks among the roots of Bold texpress tress, clasionally the fisherman see them summing himselves on the webs along the shore of take thopala, Masua I for me soul to occur in the help surrounding the lake,

the novementer, I few are said to lascoilus Decrare soid to occum in the higher hills surrounding the lake but are not abundant. Daromys (15710) Very common and well listributed. (Kuthrodonlowy (15739) 1 Augie & Jecumen was taken among the grass on a rocky Hope ownal hundred feet above the lake, Kuthrodonlowys (15716), oweral of fecuneus were taken among the coarse grass growing on the wet forders of the marshes along the Jula rwer. Apermophilus variegatus, Common among he rocks along the shores of the cake, Iwal were seen in passing by cance, and two were treared for spremens. Grocyon. Hard to occur. The following birds were noted at ecottan and on or around take enapola. Layorma marieurs Pyrocephalus r. mexicams Lucealus maeroums vachy crueta ocolor Tearher pos miricamos

Dums motacilla. Polyborus cheriway. Scardafella mea. Poloplita terotophaga sulcerostris. Myizelitis s. superceliosus. I porophila morelleti, Frothlypis. Dryobales Miloopija lincolni, terreus hudsonius. Pilicamos Atarporhynehus eurorostris. Delinis pustulatus. ho Callothrus de Chondistes lu Phalaeraeorax I pyella pallida it Mycheoray naevus the aldea hirodias on. I poonbill Duck. Glossy His.

ardia carrulea wood Ibis, Farus californieus Sprigtail Bolaurus lentremosus. Hurnella agelains Jacana Vyramus Fren-wrosed Tral. Black Mallard. Cermanin Teal, Ruddy Duck. Ceathartis auras Gallinago delicata acqualitis vocupera Fister gellow-ligs. Spotted Sandspiper. For - Villed Ceurlew. Ridhead Duck, Podrbymous podreeps. achmopohorus Fitte BlA. Duck, Fodwall. leanada Joose, ardia v. anthonyi.

Plalypsans Barn Tul. Enslotherus Fursea lagula. Pitarques dirbramos. Hugedop tryx surrapennes. Jeolicophegus eymocephatus Horian Fatimile. tales & parvirus. I rochelus platycereus: Phalaeracorup tyvania preediata. jonotrichea unesphip. Frene catirophis. Must prza jorgeana. macroma nacroma. Kanto uphains 4 untoerphains de clams Herna regra. Teingle alegon. . cabhusi. Milopelia imeoplira. Guranga The following plants were noted or collected. Luayada

La Baren. Jalieso Citheeolobum dulce Lantona (6520) Jafodium (Bald eypriss) Bacchario icacia farmerava terrens petahaya Pochote (vick cotton tru) 6532 Amizguite (6515) Tre opomea paro toto Junke (6524) Tiens palo Hanco (6527) igave (0526) Hender leaved tre (517) Timbillo (6 531) jan. 7. Fa Burea, jalises. We left Exoctan and travelled by train to ta Barca, a station i fun miles faritur east, on the Ferma ruer, The rue at this point is about 30 yds, in widet and ught or 10 fut in dipth, The tanks are about 15 or 20 that we hight, and there is no marshy land immediately along the stream, The great marshes in Muhes, Begin about five miles lower down.

Jan. 8. Mon. Our principal object here was & sieure spiermus of the geise which weren feesowely abundant, we sput the day on the marshes on the Ida. Burna Vista, about the mules from ta Harea and south of the terma ruer, the great warshes near the eastern und I toke Chapala are called Runegas Which means simply marshis in the spanish language, Walerfowt of numerous kinds were sun meluding sweral speares not noted before, Ino spices of give were sun out they have been mited a great deal and are not so easy to seeme as earner in the reason, I for days ago ownal hunters are work of have killed 200 birds,

Duck Hawk. Iweral were sun flying about over the march, Iweral times two Brids were sun apparently quarreling together while on the wing.

Black Stath. Common on the warsh.

Solitary in habits, Iswally sun wading about in the shallow water looking for Jood. They peck Juguntly with the much

and water with their long bills, Macrochamphus a fur were seen along the edge of the water in the march, Mr. Nelson had thever seen them before in Munco, They arose from among the short grass and flur in a close flock about 50 yds. to the edge of some open water, They were not at all wild and were easily approached and stot. Ugaja Deviral pairs and several small flocks were seen. One flock of sup or eight was standing in an irregular line on the ground, Leveral pairs flux over within easy gunshot, at such short distance, their broad oills and long ligs striketed out behind could very planly De seen and ity had a very ringainly appearance. appearance. Hummines longrostris Duyle Finds flux over us several times and one was shot by Mr. Melson. stelgidopteryy serrapenno, Eught on 10 were sem flying over some openwaler near the edge of the warst.

Jackyceneta Toolor, Very commen, Thry

were glying here and there, all over the

march, often within fine 1210 Seet of

the surface of the water. Sureal passed writing a four feet of my head. Triva minitilla! Tiveral flocks Fallings deliesta swent were flushed arion grass and weeds near the edge of the marsh, and about 5 .M. when on our way home on horseback we passed within a few yards of one olanding in plan sight in opin ground with his oll under his wing and apparently Vilecoms engstrortynchus, Iweral Hocks were sun flying, Chen (wh. goose) "Teveral large flocks were seen, They about to find In the White- Frontil Goose. Anser (WT. fronted) Thousands of truls were seen. They were constantly flying about in huge flocks and in Awall parties and were pairs and single birds, They abgated on long lines on the marshy and ninky bare ground reputating areas council with opin water, these are apparently regular fuding - grounds and the grass is propped close. The onds were very

resturs. Some frequently flew off while others come and alighted with the flock, while on the ground some of the onds frequently stood sip very shought and sepread and flapped their wings, aften five or sup would be doing this at the same line, I estimated one flock to contain at least 2000 buds, It was a fine right when Mr. N. came loward them in a canoe and the whole flook to flight, Jan. 9. Kewan at La Barea. Hearly the entire day was sput in maklehen. A native tunter Brought in a large and a small white goose which we made up, Whither they oclory to the same or difficult spices remains to be determined, Tehordules gesterday soural were sem flying, late in the evening, over the Migginte covered plan near the lown, one was drought in this evening by a native lunter, in this wering by a native Turnter, The weather has been threating for sweral days and it has & printeled a will several times. This afternoon it degan Aprinkling and a rain of fine drops fell

Zamora. Michoacan. fan. 10. all the evening, The following were noted at In Barea. Duck Hawk, Black Jult, Macrochamphus , Ajaja ajaja, Freater Gellow Begs, Munining longworters, Fletgedoptingy serra-Junis, Grubitinga anthracina, Sulis Gorestis, isiste , Irnga minutilla, Fallwago delicata, Glangula albeola, Peteranus crystiror-Ayrichus, Grus migreaua, tehin (wh. Goste),
ansir (wh. fronts),
fan. 10, De left Fa Barca soon after noon and travelled by havi to Zumora, Muchoacan where we arrived about 4:30 P.M. Road; livy the road from fureenars to amora, marshix of consumable islink were sen. Junal freeds of wester wheat several inches high were seen salong the road, The rain continued all kay loday, Wilea egretta, In a march passed this afternoon along the road from Jukeenars, about a dozun dries were sun, scalling about u one prace, Frond vally containing much valuable Jaming Card. fan. 11. Rimain at Jamora.

In the morning Mr. Nelson and I went on a horse car live about three mules in a southerty direction from Jamora to a suburt called facona to look at the country mar the border of the valley at that power, The helbs mean facona are of broken lava, at least on the surface, but even some of the lava strewn slopes are marshy at least at this reason, Walin appeals on The surface among the rocks, and swamp grasses and other aqualic vegetation is abundant, The Botton of the vally is marshy m many places, Tilk leotton Tree Pochole". Common on will drawed slopes of the rocky hells. Esthicolopium dulce. Not uncomme in he vally. True I pormea. abundant on the drier parts of the rocky hills. Bananas are grown successfully in gardino a Jacona. læffie. Threves in swall quaulities in Januar jacona. togareane. Twall fulls are grown near Zamora and Jacona, teacher per muneauns, Very common about the

houses at Jamora and Jacona,

Cealabaga. The seeds of Aquarkes are toasted and eaten by the natives living along the shores of Take Chapala. tuayaba. The common wild spices grows viny abundantly on the rocky slopes near Jacona Voliophla. A fur mere sun among The quayaba and Daceharis bushes on the rocky slopes near Jacona. Datchans. Common along Alreams and on met rocky slopes near Jacona. Jan 12, Remain at Zamora. Today if rained almost all day, barry in the morning it sloffed for a shorr lime and I went out to Jacona to set traps in the vienty, It began ranning again and I was soon soaking wet, but managel to get mouse haps out on a will about ters mules to the northward, which has cliffs near its lop which furnish abundant heller to small manmals. Thyomanis. Iwinal were heard onging n a tocky hell near jacona. Hrained all day and I did not go out at ill. Pain ceased atout 4 R.M. In the splemon

I went out to hill mean Jacona and found over a dozen mice in hope set day defore yesterday, yesterday, Pelsonia a single & perimen was caught in a mouse trap out at the bake of a large rock in a thicket on the nouts Hope of the hell, about two miles from Jacova. Jan. 15. Remained at Zawora. Jan. 15. Kemawed at Zawora. Putorius I shot a spermen which crossed a trail in front of me, while hunting Illustration to be the covered with Backharis and filled in on typed whes, near Jacona J. 270 Jan. 16. Hoda, Fa Guaracha. to Fa Guaracha, an haciwda about so much were of Zamora, to try to buy pack and saddle animals, triwed late in the afternoon and found the administrador absent, He was to relum on the following day, Road led through valleys and over low; rolling helps and the country was of the same general character as at Zamora, The hacunda is octuated near the criniga of Fuaracha sh the eastern seld of Take Chapala, The edges 8) the march make Jino grazing lands and considerable areas are covered with sugareme which appears to thrive very well as there is lite or no frost in the universaliate

Illustration to be filled in on typed page #

Cealabaga. The reeds of Aquarkes are trasted and eaten by the natives living along the shore's of Take Chapala. of take bhapala. Fuayaba. The common wild spices grows viry abundantly on the rocky slopes near Jacora. Volioptila. A few mere sun among The quayaba and Haceharis bushes on the rocky slopes near Jacona. Darchans. Leommon along Alreams and on met rocky slopes near Jacona. Jan 12, Kimain at Zamora. Today if rained almost all day, barry in the morning it slopped for a whorr time and I went out to Jacona to set traps in the vicinity, It degan ranning again and I was soon soaking wet, but managel to get mouse haps out on a will about this mules to the northward, which has cliffs near its top which furnor abundant Theler to small manmals. Thryomanis. Dwird were heard onging n i tocky till near jacona. It rained all day and I did not go out at ill. Rain ceased atout 4 R.M. In the afternoon

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vicinity of the lake, Jan. 17 Zamora, Michoaean. Kelurud from Tuaracha to Zamora, having failed to find the mules and horses. Spermophelus variegatus, Kather common un The stone walls along the road, I've were shot for spiermens, Jan. 18, Remarned at Zamora, Went out to the high, rocky will near Jacona and spent the day resetting and taking care Jan. 19-20 Remained et jancora. Hell trapping on hell mar Jacona. Kulbrodonlowings - a spiemen of a large species was caught at the saxe of a rock in a thicket on the slope of the rocky will. trococcyx cabformanno, ene was sem standing on the branch of a live about Lo feet from the ground. The true rose from a drive which on a sliep hellside was Jacona, The And stood up rather straight, with the lips) its till elivated and its bail having down ward and was ultiming the characteristic hourse croaking note. Soon it spread its wings and lail mans, soiled down the Willside. The following manuals were noted on collected at Zamora. Helsoma, Haronyo

Peromyseus, Pularius, Ipinnophilus variagatus, Ruthrodulongs, Burds, the following were noted or collected et Zamora, Buchoacan, Thryomanis pipilo fuseur, Tyramus vorticalis, Tardafella mea, Sprzella pallida, Dendroica anduboni , Thirmella , Exposephalus r. muy - Milospiga lineolini, obioptila, Tanthorephalus Hanthocephalus, Homus , Deslavaria, ardia virescens. Sporophila torquala, istragalinis mineries , Toxostoma curverostris, Juraca Ceurly et , Solpinetis Absolutus , Minus polyglottos , Chondistes g, strigatus , Corvus sumatus I left Zamora by ruil early in the morning and joined Mr. Nelson at Fa Barea, shortly before noon, be has our having good successedlectiving serds. During the isternoon of made a trip out to the Han. of Burna Vista to look for pack mules but ied not find any, White terone, it me of the harundas I sair a find that had been kept there for a number of years until it has become guillance, when I approached the bird was slanding, porsed on one leg, with its head but sidewise and backward, so that its

Tell usted among the gractures on its back, Jan. 22. Kuramed at ta Barea, Jahren, Went in the morning on horseback with new mozo, Rosalio Briseiro to Macienda of Porteguela and others on the road to atolonices, a lown nout Ja Barca, to look for pack mules. Heliodytos = pitarrilla. Acolecopagus eyanocepholus = urraquita; Jacana = gallito wood Hors = gangon. Regulus Regulus Milanotis caeruliseus Outreolobuin dules Oak book | Used at Ja Barca Jor Timbe Stamming bather. berotophaga = Pieris * Sturmella = { Tortilla con chile. Kelurus late in the evening to ta Barea, having failed to find any good nules at reasonasta pricis. Jan, 23. Jamora, Michaean, De riburned today by rach to Zamora, Jan, 24-26, Remarved at Zamora, There thee days were ofent in completing outfit of voddle and pack animals for trip

If the R.R. and in making preparations for Jan. 27, Vatamban, Michoacan, We lift Zamora about 9 A.M. and travelled with pack outfit about 18 miles in a southerly course to the whear lown of Palamban ochnation at the base of the terro de Palamban, an old volcanic peak about 12000 fut in hight, Road today and to Jacona and then is civiled slowly out steadily all the way, Cutiogorys cenereus, a flock was sun near jacona, fredry on the burrers of an Horanchus, pulo fuseus, , Has the habit of outting up in plan ween on the tops of stone walls, particularly early in the morning, teactripe tree used for making charcoal For the use of blacksmiths, Probably Uppen Tower Sonoran zone, Vigetation of this zone winds far up along open draws, even on

Fower Sonoran zne, Vigetation of this zone winds for up along open draws, when on gentle north slopes, that Patautan, at probably 7000 ft., a few Joomea trees were seen on case south-easterly slopes, among scattered pines of two species, Excessively abundant on Jowen Jonoran oaks.

Basilinna lincotis, Melanupes formaciones, Spizella pallida, Irlalis, milope pur-Jurasams, Meleagus, miturostoms, Haverdun Spermophilus variagetus, Iwal were sein along sline walls soon after leaving Jamora, Arbutus Mear Patamban. Jan. 28. Remarks at Calamban, Went up from the lower on the north stope of the terrs de Vatamban, Rharge canada diservolo this slope and passes near the lown, From near the base, from whend up the stope nearly to the log, Ins speeces of price occur, and with very mall come and the other with come similar o that & . prederova, The underbrush is very thick, The stopes me sleep and there are no sheams, the mountain rises almost from the lown, in fact the lown is set natid on the Fosel Alope of the mountain. Jamelodia melanosephala) funca leolaptos noted among the lower firs. Marila myratoria " bristio

Tyramus verticalis & near town & Palamban Jan. 29, Remarred at Palamban, I put the day working on the north slope Haveiding grown = Chirepopo.

anthrostomes = corcovi' learous sumatus about 40 or 50 were sun, a few of which were setting on some old slumps and the remainder on the ground near, I could find nothing that appeared to altrach them to that particular Trogen a pair was sum this monumy, in a dark carron on the north stope of the teerro de Valamban, Acleodyles Deveral wire heard making the characteristic grating noise, among the lower firs on the terro de Palamban, Jelophoga mimata Sphryspieus varios Yower Canadian Jone. Milanotis carreliseus Jan. 30, Remared at Palamban, Working on the Cerro de Polamban. Comes Amualus about 10 were sern this morning, among the prices and dates near the base of the Cerro de Patamban, One

was setting on the top of a olump and The ramander were standing about or scratching among the leaves and preking up Food with motions very much like those of Farnyard Jowls. Mirula migratoria Burdreds were sun and heard singing in a canada on the nort slope of the levers de Valamban. Tohelocoma teommon among the lower pours, varases undian name alguere Teorous omnatus = algung. Rhynchoporeta platyrhyneha, a flock was hard calling high sto in the teanadianzone. Jan. 31, Runaind at Palamban Sprut the day on the teerro de l'alamban, Don't Probably his species were laken, One our larger and darker colones when the other. Both mere caught under rotten logs in the canada on the north slope at about 10000 fut allitude, Pipilo Cehamacoo porza) Hoo same whisthy note is ordinary polos of the miculatus group. Spreimedo from here show that color pattiru varus a great deal, Fu some specimins if is similar to that of ordinary Pipelos. Landlian Bene. teanadian zine. Thryomania, Near town of Palamban,

Parus nuridionalis Cergatiens mober Feb. 1, Remarmed at Patamban. leupstelolis neopenus, Daw five or kup onds in a tree covered with small round fruts, in the Ceanada on the north slope of The Cerro de Patamban, The burds scattered as I approached on horseback and alighted in nughborry trees where they were easily overlaken and five were shot, are flux off some distance and heaving a tird utling erus, fall among the branches of a true it returned and alighted not for away. They usually winguts among the upper Jackhes of the trees, Stoually on leaving Thur purches, loud, raiting notes are notired, while outting on forches, a loud peculiar whothe is uttered. Lovery a specimen was lakens in a trap risch wheat one was caught yesterday, leohnes a Dogwood growing one to two feet in deameter is very common in the Ceanadran zone on the north slope of the Cerro de Patamban, Jeb. 2 - 4. Rewarred at Palamber

6574 Expenosella Woody her & about two feet in hight, used to make a tea soud to care malaria, Frows on the slope close to the town, Butes Forealis Hauerdning znoma Conodian zone. Proglodytes Immicapillus Fet. 5. Too Reyes, Michoacan, We moved today from alambur & For Reyes, a distance of about 12 leagues in a southerly course. Road skirled the north-west base I the terro de l'atamban for a number of mulis and Min descended gradually to Vinguindin, From Tingundin we continued to discurd through pine and oak woods of rather confusing species which appear to end only a thork distance above too Rujes. There was little to indicate zone foundaries. Too Rives is tropical and at Vingundin, Savanas, coffee, aguacates and other tropical fruits are raised. Iralia along Jose of terro de Patrober. Voleame comes, a number of volcanie, come shaped hells with broken out Eratir, could be seen in the valleys below us. Juasima Globe nær Tingundin.

Frens J Near For Regio, Engitheriva J Fix, 6, Remarked at Foo Ruges. The morning was opent in preparing for work at this place, In the afternoon of went out on the road by which we came, to some low cliffs along the edge of the vally and set traps for rates and other assumals. Basilinterns Unly one was seen. Fit, 7, Kimawed at Foo Keyes, Cironyseus a very fulvous & picees, Dural were laken, Ruthrodontomy Several laker. It fretus group, the first we have taken this reason, Alanotis carreleseus Polioptila. jenardura macroura. tales sharverus, Tyrannus near Los Ruyes, Luxealus maronnes, I boro shila lorgueta. Layoung meritano, telindestos strigatus, Catherpes myreams,

Dayonus nigricans armophila "Man For Ruges. I also & purverus leathartis aura Fet. 8. Reward at For Reyes. Pilavyus dirbiamis. teolumbigallina passerna Hurile" This is a Solvia used is a lea which is very popular and aftensively used By the Varaxeo indians and by the people It for Ruges in general, The wdraws claim that it is very nourishing. Fet. P. Remained at Too Ruges. Timbirichi! = Wild Pineapple. Cerolophaga sulcirostris Ordea viriseus cococha" Telirus waglen. astragalins mixeamis Fallwago delesta Duck Hawk Umbelinga Meleagra Telenis wagleri, Calandria Melanotis caeruliseus "muluto" Letina virus. Cearhansto atrala.

Irdia herodias Melospiga kneolin Helgidopteryx surrapenns Dindroica andubori. tales sparverus Grothypis (Comeothelypis) poliocephala Telinis abelle Cyanomia rache laterostris teolyte reparia, Lolins cuculattus. Heardafella mea, Juandura macroura Ceryle cabanisi Clabypsaris sarvus sumatus deplotica Merula tristis Feb. 10, Runawed at For Reyes. 6550 Cacuripe coll, near l'alamban is a bree growing 6-10 mehrs in drameter and 20 feet in hight. The wood is said to make with fine charcoal for the use of Hacksmitter. /ovostoma Myrarehus amophila

Feb. H. Remained at Los Reyes. Polysoms cherman Tionings Ho. of lubereles variable, smallet is wanting in this out of five specimens laken last night, Wilsonia Timbe", Swal burros loaded with the dark of this tree, passed too Ruges to day on their way to Zamora, where the back Virio hypochrysius, Twithlypis macgilliorayi, Lit. 12. Remained at For Ruyer, Tignsoma Ine was shot last night by our mozo, be found two suds setting aring The branches of a tree along a small obream we the vally near the town, lue of the onds at least, was heard making a noise very much Whe the qua-qua of the Might Horon out was much hoarser. The worke was heard about sunset. Today Mr. n. skinned the specimen and it product to be a Frale with partially swollen listes. A search was made in the same vicinity, this morning for the burd that isoaped, but it was not seen.

learhours a sprenoun was Europh una still trap out on some damp ground, overgrown with tall grass and dusker along a stream, Fallwago delicata, common in wigated fields near too Keyes. Fast Surday three of us killed 24 tirds in one field and å couple of weeks orgone a parte killed 64 m the same place, Focal name agachon Kolothus (a huge flock) mufed Kamhorephalus) brids was sun flying about and alighting in fulles a few mules from Palawban. Lignodin a knyle spremen was caught in a runway among the grass on a leep hellside about three mules from tos Bacomys Hone have been later on the slopes of the hills at this locality, Several were taken last night among grass and Insters along arrigating ditches Fordering came Julds, in the Forton of the vally. Cehordules Cerrens hudsonins Feb. 13, Revaived at For Reges.

Timbe, Three moss looded with this tack passed too Ruges to day, in routo & Zamora. The arrieros said it is common in the "Vivia calcinte" below here and that it is the Javonte Bark of lanners in this whole region. Telins spurms Myerzeletes s. superceleosus, Milospiza hneolin. tearpodacus m frontalis tember pos muficamos, Ceryle cabanisi, astragalinus p. migicanus, Leadefella mea. Minnes Certillus vorregalis Lipus (Jack) aca farmerana Guarina" Spomea (tre) Feb. 14. Remains at For Reyes.

tryzomy The small openies was cannot in traps set about rocks and along the wet marshy banks of vinall streams, flowing Jum springs surrounded by thick woods, teranospira parallina Clarger y carger species is not very uncombion. Pet, 15. Remarked at for Reyes. Times among the Amophila refiseurs, Times among the brush and talk grass on hellsedes near Tos Thryothoms (myour sp.) tet, 16, Remarred at For Ruges, Vyrgrsoma Times in thickets on rocky helbrides and has motions similar to those () Orpilos, Delens wagleri, leommon. Movally sem Juding about the Howers of the common large langthrive so common along waderles, 1 rogeodytes Pyrocepholus r, mepeous, Black Mallard, Freen-winged Teal, Fjoriglail. Feb. 17. Remared at Los Reyes,

Kohosory Ine was caught in has set in sort of runway it base of the growing in damp ground near spring in thick woods. trocyon I fine old male was caught Gon Ruges. The vally near leoners simuatus. Fit. 18, Remained at Too Keys. Pirava hipatica, Feb. 19. Kewamed it For Ruges, I took our cump war and made a long days ride around the west end of the rudge called the leerro de l'ancetare to look for moist tropical carious usuing from the south orde, We went nearly to the lown of Vanestars without finding any canons, he total distance covered was between it and as miles. Road led about three leagues to the town of Peribau, octuable in mearly hopical country it the lower edge of the pines or the Periban we dimbed gradually for about two hours to the lutte when town of apo, at the take of the west and of the main mountain mass, there we continued hearly to Janustary, close to the Base of the south slope.

Feb. 20. Periban. Mehoaean.,
Test for Reyes about 9 a.M. with outfit and
moved to Periban from which point we hope
to be able to work the Cerro de Paneitars,
arrived about noon,
In the afternoon I rode up the easy slope
back of the lown, nearly to the base of the

My aclistes

Juneo

Spigella

Corons simuatus

Zamilodia melanoryshala

Carpodaeus m. frontatis,

Columba Jascinta

Drysbatus (om, br.)

Aphelocoma

a trip was made, up on the north slope, I the levers de Tancitars to set haps, It look us two hours to reach the Base of the main mountain and about an hour more to assend to about 10000 feet allitude among the firs, oaks and pines, Props were set in the Jones fourt among the lower firs and we returned to Periban late fin the afternoon,

Toxostoma curverostrio repelo Juseus Hear Pereban. Finscalus marrourus Federace 4 aphilocoma Basilima lucotio lengatiens mon Troglodytes actions Mr. Paveilars, Myadrolos Leurus Madroño dosswood manily Transition zone on mr. Vancitaro. Im, cone Fine Large " " Proop-leaved " Fit, 22. Reward at Viriban. I mt. Tancitaro, and returned to Person in the Zygogeomys I'wo hope were set day right yesterday on the north stope near sonse fields, near the base of the main mountain mass of Tantetaro, I expected to catch secumens of the Plalizgrowing taken at Palambun, as its elevation and juncal conditions appear & De. the same, and the two mountains are

connected by a high, price council area. I oday of was surprised to find the Zyzogeomys in one of my happy. of my haps, Melsonia, a pair of adults were laken in Microtins runways, under logs on a nout slope in the lower edge of the Fir fourt on the north stope of Mr. Tamertars, Therotus Not uncommon on damp north stopes in the fourt near the lower edge of the tus, by make well-marked runways under logs and army the winds and turkes, Holoma a fin were found living about rocks along a small carryon in the lower edge of the firs, They make fairly well-marked runways along the bases of rocks and through the regelation in steep Blarina a single spremme was taken un a Microtus rummay. Dorry Three taken in Merotus runways. Progen metreames Milanolis carreliscens Johny aprens varius leolapolis cafer Fitophaga minata. Fil. 23. Cerro de Vancitaro. he left Peritais som after 8 a.M. and before

noon were making comp at about 10000 fut allitude on the north slope of the levers de l'ancitars, the afternoon was spirit in setting traps. Jygogeomyo The spicinus lakus yesterday on the slope, at the north dase of the levro de Tanestaro was of the usual last color, although the soil was a reddest loam. Cearpodacus m. Frontalis J near Pentan, Fet. 24. Remarred on Mt. Jancetaro. Redgevagia barly this morning as I approached an arrayo with a small stream flowing down it, one of these buds flux up from the water and alighted on a fallen log. Before I could approach to within range, it flow marly straight reproved, to the top of a very tall trie did soon Jossed on out of signs, This winning the M. Daws a flock of 20 or 30 passing through the true tops, Merula tristis Baselutins Fells Baselima liveotis. Emadian zme, Teacherus leolumba Josevala Trogen muframo Burremon Butio Forealis Vyrannus

melanifors formacivorous, Vicolaptis Jeanadian zone. Viranza hepatica, Diglossa Farifula Fro, 25, Remarred on mt. Vancetars. I went today mearly to the extreme summer If Mt. J'unertaro, The track is a very good me. and un frequent use by the Neveros" who go up marly to the top to gather snow or the see which accumulates each clear might, in shallow, artificial jooks made in marshy grown near the lower edge of the snow hime, after March or april it ceases to fruze and the snow all miles on the vummit, the lop If the mountain is well up in the Had-Soman zone. The serubby huber-line pine is almost the only this, a few alders extende up at least part of the way into the Budsoman Zone, Inceator grass rigins at the lower edge of the Hudroman and surral large buches are covered with it and a thin growth of the Andsoman zone Pine, There buches uttend up to a back- some forming the crest of the rulge, and riving and riving purhaps a 1000 th, above the weghest bines, In the upper part of the leanadian zone, the trus are almost the only trees, and the undergrowth

is many of large Trucios, Fugues and a fur Halvers. Andrans, Fin gartures com, the Paraseo visibleaus on Met. Pancitars, carry large baskets on their backs, into which the corn is thrown as this walk down the rows, hustern as they Cironyseus Harma Loux Kelsonia Idocaelus Canadian zone deurus Creothypis Lelinis (Scotts) Domearhina Flagrospiga (Hudsoman jone, * Italia Feb. 26. Remained on Mt. Vancitaro. Dodder. In the upper part of the heavy Teanachan zone forest, Dodden from so abundantly that who juices the whole, a Tellowich tinge. Rhynchopsitta platyrhyncha, Heard Juguntly in the Hudsoman zone, near the Hadronian zone Prine.

Horanstens a opicies grows very abundantly in the lops of the Lins in the upper part of the Courdian zone, Sitta carolininsis & Hudsonian zone.

pygmaea. De dieserian zone. Feb. 27, Remarked on Mr. Vancetars Jorep a small opens was lakin m a Microtios runway along a log, lying among the brush, grass growing along the banks Ja vrosel stream in a meadow near the lower edge of the snow at about 11500 fut allitude in the Hudsoman zone, learns one was sun this wining in a meadow in the budsoman zone th 11500 fect altitude. It was only a brifle over 100 yds, away and allowed me a good look at it before it ran It, His Jack and lail appeared to de Hackrit, and had redders for on the flauber and Audsonian zone, Corous simalus leachartes ana Let, 28, Remared on Mt, Tanceltro. Today I ascended to the highest point partially snow-covered top,

Typogeomys Karyes to the extreme top. theroties Runways were som along the edges of snow drifts on the summit of the Mar. 1, Remaind on Mt. Vancitars. Talif Cemarlian zone, Palmate- leaved brie, Transition zone, Hombeaux, " Mar. 2. Remarked on Mt. Vancilaro. From the slopes of Mr. Jancelars we had fine someway the Volcous of Colina and the Surra Nevada de Coliva, the Dura Mirada was covered with a mouete of snow, ellibding well down loward tumber line, The volcans and durra Hevale me toldly above werighting, forming very proming land-marks. The rulervening country, although not so high, appeared it de very nigged, Mar. 3, Cerosto, Michoacan. In the afternoon we left the camp on Janutary and travelled about 15 miles in a south-rosterty course, would the norteast Jose of my Janeitars, to the luce Tarases indian village of Cerrosto. Mar. H. Urvapan. Michoacan, We left levosts and travelled steadily

down a very easy olope for about 35 miles to Thuapan. The road continued today in the same general, south easterly course Mar. 5-7. Remained at Uruspan. Clarygeorny Not uncommon along the road to levrotto, just above Urvapan, Only one spiernen was lakin, Mar. 8. Los Vilas, Michoacum, We left thruspan and travelled in a southirty course for about 28 miles to a group of ranches called For Cilas. The road today led up from druapan our a low powe covered redge, and then discorded rapidly into typical and tropied Mar. 9. Fa Salada, Michoacan De continued in a southerly course for about 12 miles today from Tax Pilas to Fa Jalada, a group of runches on the edge of a canon through which one of the Indularies of the Res Balvas flows. In principal object un coming here was Mar. 10 - 23. Runamed at Sa Salaka. We sport this time working in the vicinity

I In Ialada, The last your days I spent on a try to Elmapen to make a shipment of specimens, leaving the Relow at our Comp near da Salada, Theleague Hot meaning along the rugged canons near ta dalada. I hay often come out along the edges of the grassy plans bording the earions during the day. They always roost at night in hees along the conons, The native hunters seems the bords by hunters their rootless places at night, buy do not appear to have regular roosts best simply roost wherever night overlapes them. Burneyo Piromyseus Bassassens Hasna Philostyx Quite common in Hocker, in the grass on the plains and along the walls 8) the canons. Har. 24. El Zapote, Michoacan, Left La Salada and travelled about 22 mile El Zapote. Mar. 25-26. Remained at El Zapote. Ins days were spent working at El Zapote.

Mar. 27, Agua Blanca, Michoacan, Teortimued 8 miles lockey, in a southeasterty course to the hacunda of agua Blaves. situated near the Volcano of Jorhelo. Mar. 28. Remarmed at agua Blanca. The day was sput in making a hip up on the Holeans of Jornels, distant about five mules from Aqua Blanca, The trail led through old lava bids to the lope. The Volcano of Jonello is about 4500 ft. high, The cration is large and is droken out on one side, tournly steam or sulphur Junes issued from various parts of the crater out for a number of years no signs of volcanse action have been seen, The volcano is not higher than hells in the vienty and is only conspicuous by its form, Mar. 29. Guadalupe, Michoacan, Feft agua Blanca and havelled 30 miles in a south-eartisty course to Fradalupe. Mar. 30, Paso de las Valas, Fuerriro, Jeft Fundalupe and crossed the Rio Balvas and entered the state of Fouriero, We stopped For the night at a group of ranches called Paso de las Vacas, Road today deserveded gradually to the Rio Balsas and then ascended steadily to Paso be Las Vacas, The Balsas vally is excessively

arid. Mar. 31, El Timor. Fuerero. Continued in the same direction about 18 miles to ranches called tel Tumon. apr, 1-2, Remarred at al Temon, mo days were sput in work at tel Finen, apr. 3. El Maranja, Fuerroro. Fift let Fimon and bravelled about 16 miles in a south-easterly course to El Harangs, Apr. H. Fa Junta. Guverero, De remained at lel Marango mutit noon to secure & permins of tertillus annulatus which had from described to us by the people, In the afternoon we travelled on in the same direction as yeslenday to Ta Junta. Afr. 5. Ta Union, Guerrero. teentimed for 9 miles bottomy to the lown of La Amon, tomurly this was a lown of some unporlance but the whole region appears foverty - stricken at the present time. Apr. 6. La Fagunilla. Fuerrero. Fest Ta Umon and reached Ta Fugundla after travelling about to miles. Apr. 7. Thuatanyo. Furrero, Continued about 25 miles today and reached the live fort of Thurstanyo. Mr. 8 - 10, dimanuel at Dehnatanyo.

Three days were spent working along the to birds rocks to the north and south of the ara macas. Found at least 50 pairs nestry Tropie Bird, Found nesting in holes in rocks on rocky islets along the coast south, apr. 11. Dan Feronumilo, Faerrero. Continued from Tihuatanejo, down along the coast to San Geremulo 24 miles, apr. 12. teayacal, Gurriro. Continued south along the coast to trayacal, a dislaner of about 27 miles,

Paper. 13. Pamarindo. Guerriro.

Pravelled on south along the coast for about

18 miles to Pamarindo. afr. 14. Muzco, Furrero. Today we bravelled about 22 miles south along the coast from Januarudo to Mugeo. Upr. 15, Dan Feronino. Fairrero. Centimuel south along the coast 28 miles from Physes & San Gromme. apr. 16. Vapayo, Turriro. Today we travelled about 24 miles from Jan Teronino to Papayo.

Spr. 17-22. Kunamed at Capayo. at Papayo we slopped six days to work. Cayaes, this palm is excessively abundant at Capayo where it grows as fourts in which the palms are the principal vigilation. Mear Papayo are large lagoons in which water-fout of many kinds is abundant. Felis hernandizii, a give spremmen Just killed was drought in to us. Mor. 23. Coyuca. Furrero, Fift Capayo and continued 15 miles down the coast to the lown of Toyura. Upr, 24. Acapules. Fuerrere, Continued down along the coast for about 32 miles loday and arrived at the port of deapules in the afternoon, apr. 25 - 27. Kewanud at acapules. Remarued working at acapuleo, Upr. 28, Remanuel at Clapules. Went out in the morning to work near the soap factory of Slevens of tera. Saltator grandis Melanerpes elegans Glancidum ferræginum. Voliophla Tranatellus nothocereus

Ceartarista alrata King nicked Dawk. Commus petgii Leteria verens & ochodytes Tempedonay Anjugilities & superculiarus. Liplolita Lardafella mea. Columbez alliva passerna Jacke nilida amplitapeza amophila acumula. Ceolumba Havirostris. Luscalus macrourus, Casseulus melanctirus. Tiploplerus Probably not thing girl Morrecery; Cealocitta Trogen cetreoling teardinalis And iropical acapules trie. ant. From . Watched one for a fun moments this morning, I small black and was observed walking along the uner margin of a put the bottom which caused the aut to lumble

at once to the bollom, It breed to escape again and again by walking up the vile, but each time the Fron caused the strep slope to cave with the lut. down the tim orized the aut in its claws and thrished it about in the sottom. The body of the Lan was all the time concealed from view; Repeatedly the and managed to get out & the Front clutches and allupted to escape but was caught each line and threshed about, trually I happeved to Jar the ground and the From disappeared in the word claving the body of the ent in the bottom of the poet, I soun there that the luf was at last dead, I awarted further developments for a fund moments and as the stone del not reappear I perked out a handful of sand and found him in it. The was about a und of an med in livert. brickly reased tonora hie. layaco, ut Manzamillo, dan Olas and icapules the leagaes falm is very abundant, Trus une sand to require from 20 - 40 years to come into dearing. The mits according to William Hearns, farmos about 70 % och by chuncal attraction and 65% by hydraulie pressure. The mits are oblong in shape. Most

of them are garbered by women, when they fall in the forests, Ceocoyul, a palin with round mut collected here. It is sould to be widely distributed and also produces on but the nut is swall, very hard and is little apr. 29. Demand at Respules. Factory of Theorems y leia. Franatellus Drewed a pair among the scrubby vegetation a short distance from the soap factory. Ihryothoms maculipietus? a single speciming was heard onging and was shot in a thicked about there mules from the port. Oper. 30. Kimand at leafules. Mr. M. and I went out early in who morning to a small island near the mouth the harbor to get sea ondo and would the following. tregata Cilicanus Wandering Sauter, Harus herrmani Spotted Sandpeper.

Jula (Aame sp. coll. at Thurstoneys) The coast about the month of the harbor is of steep and more or less proper Nandering latter. We had now seen this And Jefore in Myres, Iwas were keen among loose rocks projecting from the water in the harbor and along the rocky thous near the mouth of the day, they run along and skulk about among the rocks and lig up and down somewhat after the fashion of the spoked Janspiper. Hamo hermani: Twe young ful in black plunage were been puched on some rocks, they were very larine and easily approached and shot! Hay. 1. Rumanud at leapules Lecremo (old man) jacaratia Bullthorn Criebly Inora tree. Alinguiz unt. . my live in the owned bases one of the trois thomas a short distance from the tip and notlow out the interior which ihm becomes permanent wing quarters. Twend thomas examined contained toward

of the we into and about 12 lozin larvae Keeasimally both tranches of the home homes we perforated out usually only me. is the branches from and the thouse appear, the kaller are perforated while still quite your and liver and the toft pulp, felling the interior is worked out, Whither this serves as food I not I ded not ascertain, some of the fron thoms examined were partially hollowed out, and others were only partially perforated, a small round grawed place in the smooth surface 8) the thous underalising where the pur-Foration was to be. The duty then swengy yongoli is cultivated to some estings nur uchpules, re out is said to be work considerable for the manufacture D vorgo. Cocoant Pelms. Jour ones are said to begin bearing man acapalles, at five Jeans & age. Man. 2, Egido Muno, Guerroro, Left despules and travelled about 18 miles in a northerty course to legisto Huis, a small lown situated among hills

1000 - 1000 Jut week. arremonops La linta, We passed swall village 8) Ta Vinta wout noon. If was it Ta Venta that we passed the East mohis on the road to cleapales from the interior in the winter & 1894 - 95. palocitta Dendrocolastos Commis petzii, Luaguna gurguna, Paint - Brush Vine, facaratia Fish Hook Vine, Entrolobini Cerruela Buchon Bracil Wood. Jicara. Tentrolobin The trees have flowers and fruit and young leaves are coming Hanche or Changungo, teormun along the road mantigues thurs. It does not appear to occur on the lowlands near the coast but is usually incommerced as som as one enters the hills. It ranges

from about 1000 fut up to at last 3000 Jut. It was noted man ta valada, Hickoren. terumo (tipamo) Epelmaje West coast hie somewhat like levelolopus teccropia May 3, Dos Arroyos, Furrero, Test regido rues about 7,30 1, M, and continued in a northerty course along the main road to tetul paneingo to Dos arroyos, a distance of about o milos, toal led up and down here all the way and was rather rough. Delinis jularis Villyra Cardinalis Vocandytes Thrustones naculipiches, Columbigallina uppennis Front Hook Vine. Flanche terens (separus) Pels del Brasil Jacaratia Eacahuananche,

Timurolobum terruela Bullibon apuntia (ong slender-travel) Repulmaje. Tirmile mests are abundant. Calocita I ond was vin vitting on a next made of small streks in the top of a wild fig tree, The bird squawked at us from the next and when we stopped to water her, rose and flow off. Hay, H. Remanuel at Dos Verroyos. Phatthornis mycams, He remained here totang to try to secure copolypes of this oud out none were seen. The country in this vicinity is of low hills of decomposed granite. Incrers. We lest Los arroyos at 7:15 am. and about 10 arrived it alto lel teamarron where we lift the wain road to and formers and turned of to the eastward and stopped at the small 16 miles. Alerna antillarum Teveral were seen along the Papagallo river.

Elelanir per elegans, Calocitta arrumosps Vyrennis Euroca macrous edunbegalina passering theray tes Volatina & plindens, Calocitta Kest was found in a swall fork near the top a tree standing alone mar the Papagallo river. Histowas of small streks loosely gathered together. The was the slender- teaved species growing so abundantly along shearing, leggs were seven in rumber! Undea egretta Big malva trumth five-looked gods. Cedrens (topamo) Centerolobum Bullihom West coast hie Ceirnela Tuaxina reapules tree Hanche Facuratia, Puticolobumin dulce

Jueara ardia herodias Cerolophaga Imagelia cumamoruea Vigrisoma Vilangus dir Diamos Myroziletes &, superculosus, Luxyroa Dished thom the. Heren Jean (Junilan to Malvaviseus) West coast tre, This is a very crooked straggly & pecus growing abundantly a the dry hells, in many stopes it is almost the only tree. I pehrage Tealahuarranche. "cacha de Borrego" vong stender poddert, Dignomeracions tree first vin mar el May b, Jan Marcos. Juirrero. I rest Mr. Mismand the outfit to work along to road to empaneings whe coast & votani a set of proluis of the round houses end negroes wis rukabit them, I light Coquella at 6:30 a.m and reached San Marcos about Aunset The

distance was about 30 or 35 miles in a vourt - easterty course. Road today ded gradually down nearly all the way strongs well, and more or less rocky country, but there are no very deep canons, though before reaching dan Marcos the hells practically ended so that the hacunda is on a low, rolling plan, extending to the sea. humopher reminata realocuta Milanurjous elians. Comerns pelzie. mohuspiza I udverlaption Thilortyx Locacint affins Dissiculus milanieterus. Kurscalus matrourus Terotophaga Luceirostris Cothartes cura Accountes

Merula flavorostris

scardafella unea

Milastonia

+ lauthorn leayaco or cognillo The palm so common at Paparys is called coguello near coquelle where it prows at 1000 or 1500 ft, allitule. Rosa Marada, West coast his. Bulliton. Hanche. ie ulirolo brim Vipelmaje Jugor ico. Languna. Some branches had old leaves on some had new leaves and others had Hours, May 7, Copala, Guerrero. Fift wan Marcos for copola et 71.M. Good led in a south easterty course along the coast plans and was fairly level. sont helbs were sucountied in a few places Dislance travelled was about 35 miles. Progne chalypea. umphispiga humeralis, Anys work loud juke note and meanwhile ferbes its wings olightly up and down, Tallator grandis. Dupelotheres eachinnans. vies flavourdis.

Cardinalis Heliodytes Commo Calocitta Frehe nitida attila Polytonus Unophila acumula Jeardafilla mea Dindrocolaptos, Telemo pustulatios Cossiculus milamelins Hansedmin ferraginum Pohopula (old. cajo) Thryothorns Chestrut berry terotophoga sulcirostris. theopera unesplina. Dindrocolaples Eganospiga leclaneheri, erophloeus reapularis. arrimono po

teolimbigalliva passerina Umphispiga humerais. Alue lis Arras possibly mates may de sun oreting close logether on the varue branch and singing the love firey song in unison, The song wines Fires flavovirides, abundant und in Attila siveral were heard surging rear Hortrocurs luc was seen moring rapidly through the undugrount along about 10 yards from the trail, Hawk, white collar like spie. coll, at Respulced. This afternoon one was seem to fly love our the front and directly into a mass of tiskhook vines. Wacahuananche Viry abundant everywhere in the toast country: at cognilla & your a man with work leaves strick to his forthead and temples and he isound me Franche, Flauthorn West coast true. Prpehuaje

Que clam tuas uma I with the work 10-chocarpus (Fish-poisin) (vig Milva (five-lood ruds) Tix Hook Vine. True similar to icoccolobus, enterolobum rickly leaved sonora hie, jacaratia Opuntia (long stender-haved) Cerus tepano May 8, Hear Copola. Furrers. Thate a trip lodge about 10 miles in a southoreasting course to a place cally tas talivas in the coast where I found several of the round houses and a black population, Harge quantities of soit are buy made at Has Dalwas, I seemed the photos and started took at 4:15 M, and spent the night near teopiala. Diploplines Thirmella Ins returns were heard lespota and Fas Salwas,

Hegrois. Clong the coast would) deaputes are numerous villages of crinkly - havid people who eviduity are I depretan blood. They have however thise to some ryling with the migran undeaus. I key live in wany places, almost interely in round houses, These round houses begin sto Auchvelow, a day's have south of Copaca and extend into the state of Cafaca, The houses are made of stender pour placed perpendicularly side by side and kusted logether with vines. It roof correal in shape and made of pass thatek is then fut on. Carismalura Hothocereus, teomina in woods souch Jan Marcos, Houth of Han Marcos, the low drud Iropecal forest is interrupted here and elecre by open passy lands of all sizes up to 100 acres in aftent, the largest ones were seen just vouit of teopala. May 9, San Marcos, Furrero. Kelurud to Dan Marcos from near Teopola, Dislance hovelled, about 35 miles. Thay, 10. Kewand at dan Harcos. the day was spent here to rest my horse,

Relumed today Fune Jan Marcos to Seguilla. Distance about 30 or 55 miles. Heyanocompra
George affinis,
Ceryle cabanisi.
Ceryle cabanisi.
Cerrela. The cultivatel or smut species is dried at Flans France. The ripe Fruit

is dried at Hans Franke. The ripe fruit is first toiled and them spread to dry in the sun. When dried it is said to keep in definitely and wanted for food simple requires time again toiled. The wild species is not used as it contains very little pulp and is too sour. "Jimpinde". A wild species is not uncommon and a cultivaled variety is said to seem.

Travelled today in a northerly course to lehilpancings. The distance covered was about 37 miles.

Road today led directly up from to quilla veross a high ridge and desended its east side to the Rio de Omistan. after crossing the river and travelling

about 3 mules I came out with who acaputed road to thelponeings at herra Colorada ind climbed up gradually by a rather rough, rocky road to Dos Caminos, where I stopped to have dinner and to ful and rist my horse, The country as for as Dos Commos uwamed of the Dame general character, On the hells near Dos learnings the lower prices Degin. Irom Dos Cammos the road led up a fairly twee valley to Rincon which is situaled unmediately at the base of a high pine covered ridge, There are pines on all the hells surrounding the valley, but none in the bottom of the valley, trum this forist where the pines begin, the wills and all the rough ground is covered almost solidly with them, From Rincon the rook assended who rise and descended rapidly to Reahurgoita. Realingotta is a sugar hacunda schoolid near the lower edge of the Jenes. anhoscomys. Milanisfico eligans

Diploplinis Lache mitida Imazelia Cennamenea reapules tru Lyonico Rosa Morada Flatthorn Bull home Nanche Big Frage Palo del Brasil Spuntia (long slender-leaved) Clerens tipamo Belwein West coast hie. Cogullaand Tipehnage Dos Teammos, Luaguma juazuma. Big Malva (5 lobed pods) Cassia Cerruela tist book vine. Inona Ferent Dean (similar to Malvavisaus) Tuayaba foul-thom tree. The vinular to beoceolobus, Milaslowa Pochoto"

Putricolobinis dulce Je Cognilla to Dos Caminos, Pinus, I was surprised & find that the species rawing the lowest near Dos Common is the sp. with small rounded come first noted near Vingundin, Mich, and not of jorullensis as Louggood et Hauthorn, Many of the tress have flowers, fruit and leaves out rack any of the large thoms. The largest thoms appear to be produced on trus which have no flowers or fruit Dometimes parts of tranches me cooned with fairly large charies and no fruit a flowers and the parts have fruit and flowers have no large thoms, Juniar Conditions have dem noticed in the case of the Tockote and Juaguma Los commes us a small lown. tostre. I could of the roomen at & to Cermos have it. Merula flavorostrio Leplolila Dos teaminos 4 El Rincon. duscalus macrourus teallothrus Icardofella mea

Pyrocephalus r. mencanus, Bel Pinen & Micanerpex formaciorous, Jacamijotta. Wild Fineapple Omes (um, sound come) for teamway to kineon, acacea farmerana turius aks y several species begin men the same point as the pine and rave to the lopes of the rudges, many following the shears, They are all narrow leaved & pecus and the broad- travel ook to common on the ridge between Truspun and the valada, Mich, was not Veg. The prices appear to rave and for down into the tropies. Many of the tropical species over tap and dange up to the top of the rose at the good crossed Where ut is probably 1500 ft. Wylen whan Kincon, Hanche Tyornes Junginle Sp. which overlap What coast hie, with pines near copal Kneon and on rage Mesera farmerava Detween Rinem and Rosa Morada, ileahingoita,

Deploptions Veg, The nanche on & West coast his are among the most abundant spices Monolus micheaux, since I along the lower edge of the Praya Metopelia tencoplira. realizate or south comme pelou The high ridge crossed between Fiscoccyx offin, Kincon and alahingotta is finder ringed olope. Comophela accumula and is scartly unbuil apparently Volatima ophodins on account a) poor soil. May, 13. Chilfoneingo. Fuerrero. Mysigelitis A. supercelisions Feft Cahugotta at an early hour and Istragalismo Vally of abolyming reached telulpanerizo, the capital of the Tyrocephalus r. muheums, Carpodaeus m. frontatio, (Hower Fororam,) state about noon. Distance travelled about lovus omnatus, Helsin at the Hotel del our. Helsen at the bottle del Our. lopal From acabusorta the road ascended for about fingille 1000 ft. and then discerded into the valley in icacia tarmerava which tehelpaneings is silvated. Tuozuma juazuma. Jone, Many hopical species & plouts extend Wellhow, up considerable distance above Reahingoita and r soul slope jacaralia end on the west slope of the ridge crossed and (Pochoto, the country becomes town tonoran in the valley at thelpanengo Aponea rie, Umophila rufexeus tuay aba Platypsaris draining (yel of) Reshwijoeta Mope Carherins Harrhom The similar to levelobus Merula flavirostrio Baccharis (yel. Fl.) Pyrgrsoma

anona Banavas acahuzorter duraceure Agave (taye, long slunder-haved seem near Uruapau) Near hop Sprintia. (long slevder - leaved) Passed Magailan, a small lown on the lawings. south slope, about 8:30. May, 14. Remained at Chelpavengo. Kewaned at Chelpanengo, making preparations for a trip who the into, nout & thelpments Hay. 15, amillene. Furrers. Left Chilpanenzo and bravelled about 18 miles in a northerty direction to the ranch of mullime, situalis at about 8000 Just allitude in the mountains, Kook loday ascended almost steadily. The vally at teluspaneuzo is quile-dry and barren, tom after cumping out of the valley we found the hite sides covered with an abundant growth of fan palme, Augher up we enlevel a their forest of dakes and proses and another knd & fan palm, The woods were racture barren ooking and there was Eithe midegrowth until we got mear disultence when

it became much more abundant and the chivate evidently much more damp, amellent is schooled mad the crest from which the west sløfe leads down, The west sløpe has an abundant ramfall and the country um medealily about omellene is also affected. Salpinetis obsoletius Catherpus m. frontatio Wally Tehelpanenzs and adjucint stope. Grococey4 beleaseles Delocoma Ktus Gumach Ipomia true, Carren teedur Wasy irrin teopal In pelinge agave (Froad Island' Coll, near Struapan) Trogon ambigues Trogiodytes orumercollis. Sutes Dorealis the first species seem was the small sown? cone. Iwal others appeared higher up. May. 16. Remarmed at directione. Thelanotis carrelineus

Setophoga minatu leonus simatus Chamesspiza anlacorhamphus. actapilis Myocholis Priorhlypis Hasinna lincolis Milanupus formacrons. Uphocolaples deronantes unlandences. Helgedopteryp ourrapinus. Trogon mycams. Cartino Merula tristis ". mig. propungua. eganocutu Troglodyto orumedlis Beleadyles Mitreshorus Tempedonay philocoma uncolor Halia waltoni Hornbeam Basswood alimas

arbutus Ceratargus Valu. (Han) The ferms, They grow 10-30 feet in leight and are rather common in many of the canons at 8000-9000 fut altitude. They are vely found in the humed belt on or mean the lop of The sea slope of the mondains, anlacorhamphus tate one evening whileout in the woods, I soldinly heard a bird shruking as Mough un Joan, a short listance away. In approaching the place caulianole, I saw something mover among the undugrowth and find at it, when I wached the place pair of adult Breams Eyen in the Tody of a young Merula tristes they had just Hay. 17 - 20 Kemawed at Omelleme. "Reopelate" (abies) ters grow only on the lops of the hyport roles mar amiltane which rise

"leopelate" (abies) Firs grow only on the lops of the highest which rise man limitence, which rise probably to 9500 ft. They grow scattered own the lopes in Jainly open Joust. They do not appear to occur in the casions which are filled mainly with what appears to approach Upper Propical vegetation. However along sheams in canons

and entireds up the stopes to the tops of the highest redges. May. 21. Remained at Ormllewing Dasclenterios. Nest found and pholographial on tullside. Ilustid on ground at base of owerel small shrubo. Made of short livings, fine roots and leaves rulerwoven and lived with very fine very grass. I views laken 2 at 3 ft, 30 8 60 sie, 76 stoy and I at 31/2 fut 30 8 60 see. 96 stop. automotus Chloronerjes Bud similar to automolies. Delattria. Dix & pecenius were seemed on a redge south slope of a ridge a couple of mules above amellewe, this morning, They were working on the flowers of Bromelia - like plants growing high up on the trancho of lall oaks. May, 22. Reward at Chullen. Leyanolyea Himeorhua And similar to automolus, another was shot today and like the one secured yesterday, was scratching about among the leaves on the ground in a thicket, automobus Three were secured this morning. The last one was shot about 11:20.

They appear to go in pairs, although the pair shot yesterday showed no signs of dreeding. They have all Been seen from 20 - 40 feets from the ground, working along branches, novally in trees in which there are air plants of various kinds, and mooses chinging to the trees. They do not work rapidly upward as Develocal stes does, but may be seen clinging to the trunk in the same position. They walk about over the Bark in all directions and one was seen this morning head downward, Decasionally on small branches in the ordinary position assumed by most brists.

Ara militaris

Troslodytes Drunnucolles. A moting site was found this morning near Amilleme. A large pine had Dem partially Durned out on one side near the Base from the ground up about 10 ft. About the Fark, near the tops of the Durn was a drep crack into which a pair of Drids were Durily carrying resting material. They were placing the material entirely out of right in the crack.

Hay. 23. Remained at Amilline.

Ottliogonys cinerus, leonmon among the open

woods on the lopes of the hells near Culture. about noon loday one was seen perched on a rock apparently fuding on something, It was that and devide it lay a full grown Myadirles, still entire such swith the back of its skull crushed. May, 24, Runawed at divillence, Dendrorty about 6 a.M. this morning & found a I with a swarm of young, recently halehed and just able to bravel and caught less of the young, the mother oud race off a short distance and disappeared, but could be heard calling occasionally. The young trick to iscape by running and when closely pursued, and armong the leaves and remained not conless. On bung caught they rellined, sharp started crees, che-e-ep, che-e-ep, che-e-ep, after all was quet the young and segan to eall beanswered with a sort of clacking noto, ca-a-a, ca-a-a. aulacorhows this with quek fallening was shopes, and makes a flutterny noise, Basiliulius culicivorous, Riule Common in the apper tropical fourt man amillione. They search for food among the undugrouts and are not at all sky, Iwal were of served

at a dislance of a few fut. They often alight in plain view on the bushes. They have a dry little song se-e-et, se-e-et, se-e-et, se-e-et, se-e-et, se-e-et, separate forest near Cimilleine. Most of their time is spent in the lops of the brus but they were occasionally seen among the lower branches.

Unlacordamphus Direct common in the

Upper Topical fourt mile west stopenear

amiltune. the weather has teen fairly clear out early this morning a few drops of rain fell and clouds were thatting in the tills all about Umlline, although it was evident when the Sun came up that the clouds were their. This was no doubt a remuder that the range season is approaching, I went hunter for the along the brown of the west slope, west of amilline and found the clouds like a very line for rolling up the stope, he mores lader trees inviloped in the fog had a sharps the while background of Jog. Ceronauty melanolevens! Vyranno

Oyanoselta

Myadestes Milacorhamphus Has Keveral queer hoarse Thelocoma uneolor, teommen in flocks 1 m Upper Tropical forest mar Amelleine, They an very noisy Juds and appear to Juarrel a good deal among thurselves, Reoloma Liomp Kuthrodontom Short. Roth are commen in Lap. The Upper Propried Jorest. Peromyseus Peromyseus Legmodon Oslarina voux Lepus flasua tiles (scelos) Iguacate Ins wild species occur in apper Tropical forest rear duellenie. One with globular, greensh fruit about 1 1/4 mehrs shrough rand the other with pear shaped blackord fruit sout 11/2 mehes long und 0/4 of an meh throughs The form. Many of the fronds are gully six feet in linger.

Think (Ketreulation belly) The specimen laken was found apparently sound asleep on The leaves in a little opining in a thresh in a thin part of the Apper I ropical fourt at about soos fr. altitude, Trumo (wild-ching) Frows mear Mullime May, 25 tehelpaneings, Turriers. Returned from amillione to Chilpanengo. Hlay, 26, Tastla, Turrero. In the afternoon I went from telulpanenzo to Vayta to look for Clocaris and Humella, The distance is about 3 hours. The road leads up and arrows a high ridge covered with the thorny leaved for polin which grows everywhere about the vally of thelpaneings Hopfel in 1della at the migon of Fino Juaria. During the evening be assured me there were no fleas or ond dogs but som after returing of began to ful that some-Munig was wrong and on abouting a match found sex a ught bed bugs and as many fleas orlum the sheets, tortunality of had sprinkling the sheets som fell asleep. May, 27 Chelpaneingo, Furrero. The morning was spent in uploring the verinty of Tristo and in the afternoon

I returned to thelponergo. Inftta is situated in a broadly oval vally nearly surrounded by rother slup, barren wells, here is no outlif on the surface for the water which accumulates in the valley, Hear the south - western margin are some suck twoles into which the waler gradually disappears, During the ramy season a large stallow lagoon is formed which lasts for several months, after the water disappears the thoroughly irrigated land is planted to corn, garbanso, musk melous and other crops. The agricultural importance of Tulita is due intirily to the land thus irrigated. The lower appears to De about the same size as Chilfancings but has much less oupries. It is however a prittiir place. Hurnetta, a half dizin spiening wire secured in the fulls on land irregalish by the lagoon, They are commen residute but appear to be limited to this constructive aua, Olocoris As signs of any were sem alhough a thorough search was made, on the dry plainer of the part of the valley which is

not irrigated.

Megantillan
May, 28. Hetstatlan, Guerrero.

Test bhilpanengo about 10:20 U.M. Jor Ignala.
We reached zumpango about 12:45 and stopped met
3:30 P.M. when we continued on to Metgledan, Potal
dislance travelled was about 19 miles, Metglelan
is a ranch on the carron leading from zumpango
to the Balsas river.

Amphisping humialis.

Salpinetis obsoletus Carhirpus Corvus suinatus Melanirpus elizans Scardafilla inca,

Wild Piniapple, a species with curious tapering leaves and long Flower stems, Fish Hook Vine.

Cereus a large single stemmed of sees.

Polin. (thorny leaf) Common in the tiels

rear jumpargs where it is extensively used

for making pelates, rough ropes, thatching houses,

awentadoris' for faming charcoal fines, bromes

and for lashing logithm the comical framunk

much used as carrying baskets. Here is out

with the tribs to cut wood and relum with

it dound into a pack with shreds of the

leaf of this palm.

Lomes hie. Backans Teassia Cacia farmeraise Copal. Victeroloburn dules. I lauton. Loyat, alm with smooth leaves which grows in the mountains, Vinzan quarichi terrens (tramo) teerus (old man) Vinuela wild prinapple at Vixila. Travelled about 33 miles From Hetztellan to falitta Saltator Deleodytes Delerus purtulatus amphopiza tumeralis Cyanospya liclarchiri. Monoho meyeams. dimophila acumusta Vino flavourdis. Calocatta arlalis Butes Foralis

leolumbegalliva passirua, teacharles anna Dommer (Am. smokey) Pohophta Olk. cap) archagionings Road led down a long opin canada to the Balsas river at Migeala where we arrived at 11.30 a: Mand remained to rist until about three V.M. where we crossed the river in me I the large boats made for the purpose of ferrying passengers across. I some the river the road lid up gradually to falita, a cluster of ranches where we stopped for the night the road is a rough wagon road all the way, all the country traversed lodery to excessively and and at this reason looked very parched and dry. bloats, hose used for gerrying bassingers across the rive at Macala air rother out stantial affer itour 10 year broad and 25 or 30 long. Tooded animals enter by the Here which is out fy revenue and closed the saving a gate. The your lurus strongly to Balsas run. et Regenla it is about To ydo. wide ud ide i troup curunt. Cycococyp affinis

Freus (rock & ford near leoctan) Prosopes Palo Verde. Cereus (sugle stem) Pingan Guarichi (Pihreolobin?) Cleacea famiciova. Fittle Ceriba Vermetes, abundant all along the road, May, 30. Iguala, Furrero. We continued today from Paletta to Iguala a distance of a trifle own 30 nules. Good loday was a fairly good wagen roal nearly all the way. It ascended gradually but led through and Iropical country all the way. We finally discurded a steep will ruto the valley in which I quala so silvabil. Meg. There were no striking charges lottory. The lactur part of the way there were large open grassy areas. Britogrowing a munter of diggings were ser along the road, a couple of mules south I solotopa a mare lown that we passed about 10 a.M. or about 7 12 hours south of Aquala. They live among the dusters on steep Alopes where the ground is soften their

There more level, Humella Prystates (ladder Fack) amophila acumusta. aspules me. Molochrus obscurus Jucaratia Flacehorn Depelmage Basel wood (palo del Brasil") Guaguwa znazuwa (znasuwa) terruela I sp. tour thom tree, Spomea tre. Hanche. Palo del Brasil' at Zacacoquea 2/2 Lours Hours of Iquala a file was been which had from cut to oning out to the RR, Spomea tree, in species were common along the road, but with viewing leaves and The other with smooth reaves and horning Granaries tropes" along the road from Chilpanings to Aqualu the people at ranches and in the lowers fined corn gravarus woully in one corner of the corral or near tho houses. They are usually 6-10 fut square

and 8-10 feet high but from I ololapa 4/2 hours south of I quala to I quala most of those seen were round and instead of square, work prods have square grass-shalehed roofs. May, 31, Emound at Isuala. I oday was spint largely in getting of make I our horse and mule outfit and preparing to continue by rack, June. 1. Kewanud at Aquala. tu the formon twent out in horseback to a small take about 112 miles 1.6. I queles The cake has no outter and secupies ? dipression along ne sede of the aroad well vally in which I guala is vitualiel. Perolophaga suleirostris Ishagalining p. mixea is. Lyranus hope in remarka calloctions Chalaeracoracy + ulien. Tringa (Brown-cristial) the Cake, Hegenope's relsoni Thalacracorary & Very common.

Lucks. In spicus were sum ne of which the & has black head and nick and lack and whiteh or light grayest ondy. motorhrus Abocurus dunal paras wire sem feeding about a cour, truscalus a 7 was offerwed making clumsy altempts to calet some large-winged insect which was lodging along four on five feet from the fromd, the oud half flux half-jumped up at the much from a standing position on the ground, oach une it missed it alighted on the ground and unmediately made another allement. after four or five failures if finally suc eleded in calching the week, Value. The Morny-leaved species so common on the hells man telet faverys also occurs here and is used for whatchers houses The leaf olims are left about my inches me lingth, it by are prepared for use by aging a strip through the sake forming ? loop. To faster them in position, this loop s simply untied and used to divid the leaf in poselier. Truga Grown mastell (was surproud to Heganopus wilson. find there was species along the shore of

on bing skinned, showed the gust were as a brieding, both species appeared the centural lame and unsuspicious. They were feeling so close wenter that a single shot a specimen I each, when the Sand proper feel another which had few feeding rear, evicled about overhead several times retiring Erics.

Jamanned. The plaga at Aquala us surrounded by very large lamaned hies, of gualans a fairly large lown and is the head of a district It is surrounded by very and soperes country, teorn and other common crops are rused to a limited yeling but block raising the prespet dusiness. teasealote, has most identant nong the road between circulavaro and inalava, Mehoacan le pour are orhered en puebel It Feon and other encis and uped for turming traction, tensearoto & considered the out outstance for this purpose ? many lanners and the podo ony good price in the markets. Mule trains ? loven with Michoacan from the inbletant fore the porpose of oringing sach loads of the podo.

June 2, (tio Jalvas. Fuerrero, In the wining we look the having for the Galvas ne the Galsas were at the prisunt and of a branch of the Muy, temp. R.R. lin havi slarled late for it was to want for a terought musi from the certif Mushes, It was a mised one and a ticidedle primitive spour. The headhight had been bent up the road for repairs and forgotten it headquarters so we were obliged to make the hip down the live ofthe a heavy ram storm without one, An addition in brokes were working unperget o, We reached the ver about mudnight ind set up our cots end went to thep in the spen we man the rette house, Mason, I de ram, veason began at toquala this crewing, with a heavy downpour when made small revers of many of the sheets for several hours. teattail & lag, a paleh about or ydo, Aguare grows in swampy land near the ruge of the take near Aquata, who collon grow the reed stews is used for sluffing pillows. " strikly this way be the same species which grows around take topapala, This morning we found Rio Balsas to be

a collection of 20-30 nauve shacks gutured crose clong the bank it the mount of the could a small to sulary the tes the les alkas at this port, here is a just comment relieve the broken of all the rotations and the crystal clearness of the teorila, The Balsas at this point passes between stuffe 100-200 feet in hight but there we procheally no cleffs. a substantial won bridge has been built across the run Aut the metroad wills at the run, artial grading was been some for about half a mule buyond, Volatema Splintins terotophoga suleirostus Heardafilea mea. Hereologtes Tyranius Melanerpus etigans Grocita Me uka Huverostris. Vires Hawowirds Myrarehus (mull) Totolia. umophila ummatis. ilegealitis voce fira teer gle cabamise

(ty scephalus 2. ment, Leterus pustulatios, (Photatrator 4 My ye stes & super. arthogenup Dogge go we not uncommen elong ite steeper stopes the che soil is loose, is we with worke cast might were seem this morning. Terms (upan-8). Huaguna Juaguna reapuled tire, (diacia (fratitioni) Vilio: (my large sp.) teommon, at is now repening fruit, although entirely leafless. The fruit is of a dark-red color when ripe and grows in very range clusters, the vinos grow 30-35 fut un lugth undappear more like half returning whrubs than like grape vines, June, 4, Rimarred at Rio Dalsas, Homolus myreams. Columbigallina parkirina. Mara moderas terjanospe ja secenthe i. tuplusp ja mysticalis, wherena plagiala. Ravelulinos bet i.

Listolita. 18/04.m. Etres onds in as many refund places were seen persond genety about 6 gent from the ground in stade places Vides (treng large of) From a single, companabout shought show and is not wester and contorled like ordinary grape vine, often it is two and a half feet between the nodes, It has luming tendrels but grown upward and reduces, rother their climbs over the ourrounding regulation. At the beginning of the rang reason to absolutely leaflers, beet most of the plant me repring my or three large chesters of fruit, which are lark red when storoughly ripe, levruera. 2 sp. tisk book Vine. ine long-heaved powery along steams ("whiceolobund pungan quanchi") Tarodum (Bald Cypriss) Frayaba talo del Brusel. neotrana Glarcous leaf) Argemone. Gellow? June 5, Quento de 24ta. Jurrero. We were Heged to to six up until 2:30 a.m. at Res Balsas, to catch the train for Cunte de

Tyla where we arrived soon after 10.30 a. agelans charreters" Volalina splendins Jelins pushelalis Thryothorns grandis. Deardafella mea. Columbegalliva passerna. Punte de Fifta Umo Johela acumula. astrogativing muxicanus, Oyrocephalus r. meyeanns I porophila lorgueda, Memla flavorostris. Monolus megicanis The following informalien is from Mr. 6. Tranklin who is employed at mine on Met. Thursday from Reo Balsas to the mining earny of Walson and Ord at veolipie (10500 8.) on At. Troupe, said to be 12500 ft. highand Where snow falls occasimally. Rio Balsas - acartan Ceross Balsas on toat 15 mie, acarlan - Chapullipie 15 mi. Chapullipie - Placolipie 10 mi. Parota - Protepes 20 mi. Fast day in

the hardest. June 6. Remained at Pueute de Data, Haverdinin ferrognen. Cerolophoza sulcirostro. Buto. The were found setter in a shaly corner, on some rocks muder am Philostyx & Hock I six or ught was found among the Brush on a dry hellside. tehordules Hychdronus June 7. Remained at Counte de detta. Thryothorns. Amphispiga humeralis. Libragor Correctus. Karter commen in weed paleties and along brush fuces, June 8. Remanuel at wente de Hylla Polyborus Chermay. Teorigle aleyon. columbigallina rasser rist a trail structure I weed stems placed on wher-Cocking branches & a Brusachi, Jun fut from the ground.

Cameothlypes leolumbegallina passerina, duapproaching a nest the Junale gleur and abgeted upon the ground about 30 feet away. The unmediatity began to hop It dragging her lift wins, I few sleps faretier on the began drogging both verys as though they were Dycalis a fur were seen in a meel fuld which had just tem origated. The onas scattered and widness treeding but a looke flock of 6 or 8 vas seen flying about 20 Tande above the rice, after I had storred them up by Jimin a shot. Those usually they are constantly flying willisty about. although there were dusters about the Inds were not observed to alight any when if jeept on the ground, Ingle onle pans and loose parties of three or nore and alight upon the ground, The note is a dry weak t- such repeated of intervals of a few seconds Fork while in the ground and during Flight, vivo Fires were sum hoving

with fullering wings, about this get above the tops of the view. Passibly they may have been make courting finales Egealis ene was drived to alight in a bush. inother note whereit Turng slow flight is see - see - vie repeated rapidly. The flight is undulating and irregular, in morning way noually fly fort of out of buglet, but occasions they alight within 200 yards. Jonetimes itity discribe several circles. Hodernys, an adult gewale was secured yesterday and a very young me was caught last night along a Hone wall on level ground man the bake of the helds on the spoole-sele of the stream and about a mule above the RR, station a few signs were were which I at first supposed were of Rioloma; nom places led out at the Bose of the wall and there were small quantities of troppings near rocks on which the annuals wednesty perch To evacuate, the only runways were some n nes toupposed et firet were wale June 9. Tuo Marias, Morelos, Reft Private de Liptle at 9:30 a.m. and nached Tris Marias at 3 P.M. Mr. N. con-

tunuel on to the luty of Musico and I slopped at This Marias tree or four days to try to sieure lopolypes of Dendrortyp Mr. N. des oribed from here and also of a Heliodyles he discribed, The road from Cunte de Luta she R.R. the do sleadily upward and crosses a succession of terraces or valleys, each one begun when the East, wente de titla is on me of these tirraes and teneruvaca is on another, Curravaea is octuated on a rolling plan near the dake of the mountains, Soon after leaving tenemavaous the long steep excent, leading to the summet of the ravge begins. In the way up to in Marias here the splindel views of temmavaca and a very broad Aparet of the surrounding country, Janupec can plandy de vem, settatel in another vally and separated from the valley at Curnavaca by a low rudge. The low plans or vally country appear to estevel into the state of Puebla, from near leurnavaea large lava deels uptind up the slope at least as Josus Pris June 10. Remained at Tres Marias.

This Marias is a swall bloken five kelometers from Hutzilak and is the realquarters for an iflusione rood and rankroad- the cutters dusiness. lig, In the unmedialo vicinity of Tres Marias their does not appear to have wer bem much of a forest of rakes, the prices have been pritty maily all cut off On south and south-western stopes near lautzilac there is a heavy and ex-Cestively humal forest of rakes, now buy rapidly out off. This forest occurs fort below I near the lower dorder of the for Cipilo fuscus funco turby oper - counjamelodea metanocephala bry near fres Merula impraloria Marias. Healia teliseonys Tipelo maculatus i roglodytes drumucollis creothly pix 'un torest nu sutgelie. relophoga minata + Deleverytos Tirolamus we specimen of the species

was what in the top of a tall rak in the Jorest near Acutzilac pelioditos Tocal name matraquita I flock containing occurred nearly grown young was found in the oak fourt near Autzilae and 10 trads were secured, The Just oud shot fell struggling to the ground and the other birds zathered zuekly in trees and buthes near and several darted lown to the fallen sord, so that a single That selled three of them, others moved Afectedly about in the tops of trees wear und were easely shot, when found the suds were worken tusely about in the true tops and some of the members of the fock were ulling the harsh, railing note which has given the oud its sent name, is som as I began shooting how ever the bries uslanter to speck their note, This harsh note is may altered it internals and isward would and utter it in unison, meanwhile moving about with rapid, firse notions, le Deleadyles erus have rabits very similar to this one. Austrilac.

Comms True similar to Madrono. (lak fourt near · brutzilae). Weather very cool and rang, when it is not raining there are often heavy fogs, Leavis The west is dried at Butfulae und after ours pounded from is musel out coffee and given patients suffering with from (malarial fiver). vareouling ifter our drud the E blood is powdend and taken, mifed with vino tinto" (clarit) for regulating, leavis the wkin is get un ted, el slight upon, as a cure for cheumation. Mil notis carreliseus. Ceolaptis cagir. teolaptis cagir. teams The "sedo" (tallour) ifflud ufterwelly is therward to relieve" heumas" rheumation. rheunation. Heleagris Dard to occur un an oak Fourt a furmiles from Huitzilac. short of the day was spent in the oak fourt near Hutzilac. June 11. Remarket at Tres Marias. Trogon ambigues, at Huitzilac The people

sometimes use the meat for heart houtle,
Male Finds are killed and after removing
the entraits the Bodies are dried with the
feathers on. For use the dried weat is cut
fine and soaked several days in "jire" (show)
and the taken out and chewed. Drinks of
the jorg are afterward taken, early each
morning.
Glaverdining growna
Piranga he patica
Costums
Costums
Casilentens culicioorous
altapeles.

Elder "sauce" a tea is made of the flowers and applied to wounds to allay inflammatining Prunus (wild cherry) Abies.

June 12, Remained of fires Mariais,
Dendrolyte Formerly common in the
vok forest near Huitzilae but the peat
number I wood-coetters now at work
there have driven them out or diminabel
their numbers to that I begin to fear I
that not be able to seeme any specimins.

Fine 13. leity of Myrico

Prouse were found during a final
hunt this morning and I decided to lake

the afternoon have to the telly of Medico & where I arrived late in the weining and " i journed Mr. Nelson June. 14, Kemawed in the Cely & Alsko. June 15. Purbla, Purbla. In the evening we left the texty of Mexico and went to Puella where we drived about Follock. June. 16. attyco, Curbla. teortimud this morning to artifes where E me found a heavy ram slower progress. June 17, Remarked at attites. Hum prome Carpodoeus J. mup. astrogalinos p. my. zuaidura marroma. Catherins Carhenjas mohopija mysticalis. Tyrgrønna a poir was found among the bushes along a cruck, when one was shot its mate unmediately flow down devide it. Furaea c. eurhyneha. deardafella mea. Cachartes auren Classea

Ipomea tre leopal Lugarterne Wheat. Orpper tree. Mave. Frosts. Hyps ones occur at attiges w winter. Acoloma. I fur signs were suring along elists Fordering the arrays or gulch through which the cruk flows, a fun miles above the lown. June. 18, Kowamed at attipes. Juscalas teolimo. agelamo. Umophila sottiri. mmodramus. Hagom mgream Metopelia incoplera. June. 19, Kewand at Mixe. Whiledon irythrogaster. June 20. Dan Martin, Viubla. Fift attices this morning and arrived here soon after noon. June 21, tely of Mines. Returned to the lity of Myres from dan

Martini, For the evening we took the train for June 23. La Barca. jaliseo. Reached La Barra about 9 2, m. Ne didede to go to teottan tomorrow and to work out around the marshes was the mouth of the Firma ruer from there, June, 24, collun, Jahres. Fift La Barea and moved to Coulan. Bractically no rain has fallen here as yet and as many walnefowl are said to want with the rams come orfore breeding we are too early for many of this, June 25, Helman l 24 Ocostan In the morning we fift decilan for a brig out into take Whapala. Most of the Any was sput in working our way across 12 or 15 miles of lake to the mounts of the serma mus where we conded and camped for the might. Tale nouses, Hear the month of the river we found a small settlement of Asherman leving in houses made of tales found on a framwork of poles, Milopelia lucoptera

igelamo umamin I eal. June 26. Remanuel man Scortun We returned during the efternoon to Ocortan. Wood Ides Harry For dechinophorus (pifeil") Trothtypis Melospiza (song sparrow) While Hois Block Mallard, Firm egelams Fulien Zallerita Irdea herodeers " uneogastra My ctrearing naivens. June , 77, Remained at ileother. twolines. Most of the day was tout hunters qual mong the Dantago rower beluen levelas and the lake, right. Apremius mere secured, et this season If the year they are rother common among the miggints and in the kemp grassy areas near the rung where us any cover. Iwall frocks were been but

many of the be do nave pained a l'ere beginning to brule Miopilia meophra againtio vocafur pelo fuscus Leur lafria men Jacana zymnosloma Har portuguehus curvostro. Procephotus r. m. examo ustrogulums p. mugitama. Chiladon erythrogosler. Eusealus marrerrus igua s Myurehus danges derbeams. I mophila acumala. Furaen C. unhynena. Cerre cabanisi. tutien. the superculoses. mardina acroma. Pholacracorny enf & allow Thoraules Extenses 1 regionares I perophila lorgu & la.

Al mus Lelins pushelatus " bullocki terolophage succervotris, Leteria vuens longicanda, Jule. The round species, called tute redonds is used for making rough wats for packing and food which is dut in lærge quantities, from take Chapala to Toluca and Mines. teliff Iwallow. I munder of occupied mists were sun under the arches of a masoury In le which crosses the Dantings river at Acteria un es orgiconda, il remober mere Aun and heard surging tate in tho afternoon from perches on the topmost branches of Migginton tres near the santiags Homoron, I wonder of degradous were sun early in the morning, running about surgethe short gres war the surg. Their notes Tem when the your of me places which at this season are grile mobilities often they run rapully for a fur yards and stop to use the intrustre for a second return

before running in usually loward their holes.

Spemophilus varugalis, tipus (jack) June 28. La Barca, Jahreo. We returned today from Revetan & La Barca, to do a little more work in the marshes near there, In the afternoon I went out near La Barca, to look for hawks, Dryobates scalaris. aegialitis vocefira, tildio & chifirio agelams Doarforhyuchus curvirostrio. Coucharista Farres Heliodytes Melanerpes Papelo frescus vyramus Cerolophaga sulcerostrio. Icardafella mea Hurnella Polytomo chemony. Typus (Jack) Mezzule. Ipunta Cerus (aitahaya) Realea Garmeiana.

anggul. June 29. Rumand it La Barca. Caltripanos Thryomanis terolophaga picus De went out in the morning to the marshis neur La Baron, still Jule-dry from lack agilains We seemed a good servis of malis and finales and fond the spices common, Hosts were also found. Teothtypis å form which may poo story de nur was common among the bulos and a good serves was sieured. tight rowns fell during the afternoon. June 35. Traposto. Tift ta Barca it noon today and arrived here in the coming. July, 1. in routo to Washington. Left traquato it 3 1. m. and went to bed at once, When I got up this morning the train was many aguas baluntes, where we had breakfast drowned at vorrion late in the evening, July 2, un route & Washington. When I got up this morning the havi was at Monelova. We had breakfast at

Taburas and reached leagle Pass between 10 and 11 a.M. and continued on to dann automis arriving about 7:30, at Jan automis 2 look the train on the International and Fresh Horston for St. James. Mr. H. centimied by the Southern Pacific loward Hew Orleans, Deliver I sofford and dan autorio the country was much grunn and prosperous looking them I have ever seen it, I here have Dem abundant rams. July 3. En route to Washington. This aft morning whim I got up the Travia was maring Polistini in eastern Houses. Many of those in the country and small lowns are of the old fashind slyte, with by chunings at the ends. lig, Woods are very green. Huch of the Country is fourth. Fireoduden Thort-leaved Pine. I all common. Harge - leaved oak Duwach Twall for Palm Reached It. Fours early this morning and

for Washington,

Reached Washington soon after noon





